NC/QC/YPD/2020-21/KL-C1 Date: 11-01-2021

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**156 min**	Shall not be less than 30 min
2	Final setting time	**265 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.19%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.06 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.65 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Ambha bavani Layout MainRoad , LHS

Page No. 1/1,

NEWZEN CONSULTANT ★ Bangalore ★

A.E.E. (Project)

NC/QC/YPD/2020-21/KL-PCC1 **Date: 11-01-2021**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

(Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	64.75	0 -20	30- 70
10mm	32.50	0 -5	10- 35
4.75mm	4.05	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.35	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	82.05	60-95	75-100	85-100	
01.18	71.45	30-70	55-90	75-100	
600 mic	47.80	15-34	35-59	60-79	
300 mic	24.55	5-20	8-30	12-40	
150 mic	7.20	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Ambha bavani Layout MainRoad , LHS

NEWZEN CONSULTANT * Bangalore *

Page No. 1/1,

A.E.E. (Project)

NCQC/YPD/2020-21/KL-C2 Date: 15-01-2021

L. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**161 min**	Shall not be less than 30 min
2	Final setting time	**270 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.13%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.09 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**28.75 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kattigenahalli to Kogilu Main Rd, LHS From Ambhabavani Layout Main Rd

NEWZEN CONSULTANT * Bangalore *

Page No. 1/1,

A.E.E. (Project)

NCQC/YPD/2020-21/KL-PCC2 **Date: 15-01-2021**

I. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	66.35	0 -20	30- 70
10mm	28.70	0 -5	10- 35
4.75mm	3.90	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	95.70	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	84.15	60-95	75-100	85-100	
01.18	72.50	30-70	55-90	75-100	
600 mic	44.30	15-34	35-59	60-79	
300 mic	25.10	5-20	8-30	12-40	
150 mic	6.80	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Kattigenahalli to Kogilu Main Rd, LHS From Ambhabayani Layout Main Rd

NEWZEN CONSULTANT * Bangalore *

A.E.E. (Project)

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EMAIL:newzen576@gmail.com

NCQC\YPD\2020-21/KL-CE1 **Date: 18-01-2021**

I. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade* : 53,
Type* : O.P.C

TABLE 1.1:

Sl. No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**158 min**	Shall not be less than 30 min
2	Final setting time	**265 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.86 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.94 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.55 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

NEWZEN CONSULTANT ★ Bangalore ★

Page No. 1/1,

A.E.E (Project)

NCQC/YPD/2020-21/KL-FA2 **Date: 18-01-2021**

I. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**98.15**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.25**	60-95	75-100	85-100	
01.18	**71.05**	30-70	55-90	75-100	
600 mic	**46.80**	15.34	35-59	60-79	
300 mic	**24.50**	5-20	8-30	12-40	
150 mic	**6.35**	0-10	0-10	0-10	

TABLE 1.2 :

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**17.63%**	-----
2	Silt Content	----	**0.59%**	Not more than 8%
3	Specific Gravity	----	**2.61**	-------

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

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Page No. 1/1,

A.E.E. (Project)

NCQC/YPD/2020-21/KL-CA2 **Date: 18-01-2021**

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	**100.00**	100.00	100.00
20 mm	**96.25**	85-100	90 - 100
10 mm	**48.10**	0 - 20	25 - 55
4.75 mm	**3.95**	0 - 5	0 - 10

TABLE 1.2 :

Sl.No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	**25.46%**	Not to exceed 25 %
2.	Crushing value	**28.71 %**	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

NEWZEN CONSULTANT Bangalore

A.E.E. (Project)

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EMAIL:newzen576@gmail.com

NCQC\YPD\2020-21/KL-S1 **Date: 18-01-2021**

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10and 12 mm **TMT Steel.**

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

TABLE – 1

	Details	For 10 mm		For 12 mm	
		Test Results	Min Req. as per IS 1786-2008	**Test Results**	Min Req. as per IS 1786-2008
B	Observed diameter of bar	**10.0 mm**	10.0 mm	**12.0 mm**	12.0 mm
C	Observed Wt/m Length Kg/m	**0.623**	0.567	**0.894**	0.834
D	Proof stress/Yield stress, fy , N/mm^2	**556.0**	500.0	**552.0**	500.0
E	Bend/ Re bend Test	**Ok**	---	**Ok**	---
F	Percentage of Elongation, %	**20.90**	12.00	**21.20**	12.00
G	Ultimate Tensile Strength N/mm^2	**645.0**	545.0	**639.0**	545.0

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

NEWZEN CONSULTANT ★ Bangalore ★

Page No. 1/1,

A.E.E. (Project)

NC/QC/YPD/2020-21/KL-CB1 **Date: 08-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	01-02-21	08-02-21	07	22500	370	16.44	**16.07**
	002	"	"	"	"	355	15.78	
	003	"	"	"	"	360	16.00	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Ambha bavani Layout MainRoad , LHS

NEWZEN CONSULTANT Bangalore

Page No. 1/1,

A.E.E. (Project)

NC/QC/YPD/2020-21/KL-CB2 **Date: 10-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-02-21	10-02-21	07	22500	360	16.00	**16.30**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	375	16.67	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kattigenahalli to Kogilu Main Rd, LHS From Ambhabavani Layout Main Rd

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Page No. 1/1,

A.E.E. (Project)

NC/QC/YPD/2020-21/KL-CB3 **Date: 12-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-02-21	12-02-21	07	22500	365	16.22	**16.59**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	375	16.67	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

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A.E.E. (Project)

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NCQC/YPD/2020-21/KL-CB4 **Date: 15-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	08-02-21	15-02-21	07	22500	375	16.67	**16.22**
	002	"	"	"	"	355	15.78	
	003	"	"	"	"	365	16.22	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Smasana Road , RHS

NEWZEN CONSULTANT Bangalore

Page No. 1/1,

A.E.E. (Project)

NCQC/YPD/2020-21/KL-CB5

Date: 17-02-2021

L. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

(Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-02-21	17-02-21	07	22500	380	16.89	**16.89**
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	390	17.33	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Akshara Layout, 1st Cross Road , LHS

NEWZEN CONSULTANT Bangalore

A.E.E. (Project) 20.2.21

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EMAIL:newzen576@gmail.com

NCQC/YPD/2020-21/KL-CB6

Date: 19-02-2021

I. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-02-21	19-02-21	07	22500	370	16.44	**16.15**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	355	15.78	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Akshara Layout, 1st Cross Road , RHS

NEWZEN CONSULTANT * Bangalore *

Page No. 1/1,

A.E.E (Project)

NCQC/YPD/2020-21/KL-CB7 Date: 24-02-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	17-02-21	24-02-21	07	22500	375	16.67	**16.74**
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	370	16.44	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Akshara Layout Main Rd, LHS

NEWZEN CONSULTANT Bangalore

A.E.E. (Project)

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NCQC/YPD/2020-21/KL-CB8

Date: 26-02-2021

L. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	19-02-21	26-02-21	07	22500	370	16.44	**16.67**
2	002	"	"	"	"	380	16.89	
3	003	"	"	"	"	375	16.67	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Akshara Layout Main Rd, RHS

NEWZEN CONSULTANT Bangalore

A.E.E. (Project)

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NCQ&CY/PD/2020-21/KL-CB1A

Date: 01-03-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No.	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	01-02-21	01-03-21	28	22500	510	22.67	**22.89**
2	002	"	"	"	"	515	22.89	
3	003	"	"	"	"	520	23.11	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Ambha bavani Layout MainRoad , LHS

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20.3.21

A.E.E. (Project)

NCI/QC/YPD/2020-21/KL-CB2A

Date: 03-03-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-02-21	03-03-21	28	22500	505	22.44	**22.15**
	002	"	"	"	"	490	21.78	
	003	"	"	"	"	500	22.22	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Kattigenahalli to Kogilu Main Rd, LHS From Ambhabavani Layout Main Rd

NEWZEN CONSULTANT Bangalore

A.E.E. (Project)

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NCB/QC/PD/2020-21/KL-CB3A

Date: 05-03-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Work: Testing of Concrete Cubes (for 28days Compressive Strength).

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No.	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-02-21	05-03-21	28	22500	510	22.67	**22.37**
2	002	"	"	"	"	495	22.00	
3	003	"	"	"	"	505	22.44	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Attukal Layout Rd, LHS From Main Rd

NEWZEN CONSULTANT Bangalore

A.E.E. (Project) 22.03.21

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NCB/QC/PD/2020-21/KL-CB4A

Date: 08-03-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Work: Testing of Concrete Cubes (for 28days Compressive Strength).

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

SL No.	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	08-02-21	08-03-21	28	22500	495	22.00	**22.30**
2	002	"	"	"	"	500	22.22	
3	003	"	"	"	"	510	22.67	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Smasana Road , RHS

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20.03.21

A.E.E. (Project)

NCCI/QC/PD/2020-21/KL-CB5A

Date: 10-03-2021

TEST REPORT ON CEMENT CONCRETE CUBES:

Work: Testing of Concrete Cubes (for 28days Compressive Strength).

[Project*: Improvements to roads and drains at Someswara Layout,Kalidasa layout, Palanahalli and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: K.R Santosh Kumar, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:-

SN Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
001	10-02-21	10-03-21	28	22500	515	22.89	**22.52**
002	"	"	"	"	505	22.44	
003	"	"	"	"	500	22.22	

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Akshara Layout, 1st Cross Road , LHS

NEWZEN CONSULTANT Bangalore

20-03-21
A.E.E. (Project)

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
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